



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

649.4701

Job Sheet 196125



Part No: 649.4701

Job Qty: 1 pcs

Part Name: AW119 Cable Cutter System



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/7/19

Job Tracking No:

Due Date: 6/14/19

Created By: Linda Lacelle

Type: SOLD

Description:

Note: 649.4700 rev.F IPP REV:A 12.11.05 NEW ISSUE DD VERF:JLM IPP REV:B AS PER ECR 12-54 13-07-09
JLM VERIFIED BY:DD IPP REV:C 16.08.11 AS PER DWG REV.C DD VERF:JLM IPP REV:D 17.11.08 AS
PER DWG REV.E2 DD VERF:JFS IPP REV:E 18.03.28 AS PER DWG REV.F DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Packaging 1 - Pick Kit	1 pcs	6/14/19	0.00	0.00		Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S192732



Part: 649.4701

Job No: 196125

Serial No/Batch: S192732

Revision: F

Inspector:

Exp Date:

Instructions: FAA STC SR02425LA 12/06/13 BRAZIL STC 21

110 QC 4	1 pcs	6/14/19	0.00 0.00	Packaging 1 - 31	
				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				QC 4 - 28	
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	DAS
120 Packaging 3-1 - Stock - B4B	1 pcs	6/14/19	0.00 0.00	QC 4 - 46	75
				QC 4 - 68	9-89
				QC 4 - 72	
				QC 4 - 74	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	DAS
				Packaging 3 - 5 - B4B	75
				Packaging 3 - 6 - B4B	9-89
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
130 QC 21 - FG	1 pcs	6/14/19	0.00 0.00	Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				QC 21 - FG - 21	DAS
				QC 21 - FG - 70	53
				QC 21 - FG - 53	9-89

Part Op 110 - (QC4- 100% Inspect kits for completeness)
 Descriptions: 120 - (Identify as per dwg & Stock Location: **SOLD**)
 130 - (QC21- Final Inspection - Work Order Release)

JUN 24 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
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010488

649.4902	Lower Cutter Assembly	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.5113	Wiper Deflector Shim	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
MS24694-S62	Screw	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
MS27039-1-12	Screw	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
NAS1330S08KB321	RIVNUT	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
649.4901	Upper Cutter Assembly	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.5010	Deflector	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.5214	Bracket	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.5212	Bracket	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.4811	Clip	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.5012	Deflector	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
649.5013	Deflector	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
649.5213	Doubler	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
649.5011	Deflector	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.5210	Doubler	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
649.4814	Doubler	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
649.4816	Doubler	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
601.3493	Quick Release Pin	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
649.5211	Shim	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.4813	Shim	4 pcs (4 ea)	90-Packaging 1 - Pick Kit
649.4812	Shim	3 pcs (3 ea)	90-Packaging 1 - Pick Kit
649.4815	Shim	4 pcs (4 ea)	90-Packaging 1 - Pick Kit
646.9910	Struts	4 pcs (4 ea)	90-Packaging 1 - Pick Kit
647.9014	Strut Bracket	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
649.5110	Wiper Deflector	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
649.5111	LH Wiper Deflector	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.5112	RH Wiper Deflector	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
AN3C12A	Bolt	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
AN4C5A	Bolt	4 Ea (4 ea)	90-Packaging 1 - Pick Kit
AN4C7A	Bolt	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
CR3213-5-4	Cherry Rivet	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
CR3213-4-5	Rivet	24 Ea (24 ea)	90-Packaging 1 - Pick Kit
91420A230	Screw	13 Ea (13 ea)	90-Packaging 1 - Pick Kit
NAS1832-3-7	Insert	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
NAS1832-4-7	Insert	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
NAS1834C3-300	Insert	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
MS21042L08	Nut	9 Ea (9 ea)	90-Packaging 1 - Pick Kit
MS21042L3	Nut	22 Ea (22 ea)	90-Packaging 1 - Pick Kit
MS21042L4	Nut	4 Ea (4 ea)	90-Packaging 1 - Pick Kit
MS21059-3	Nut Plate	3 Ea (3 ea)	90-Packaging 1 - Pick Kit
MS20426AD3-5	Rivet	6 Ea (6 ea)	90-Packaging 1 - Pick Kit
MS20470AD4-5	Rivet, Universal Head	22 Ea (22 ea)	90-Packaging 1 - Pick Kit
MS20470AD5-11	Rivet	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
MS24694-C57	Screw	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
MS27039-1-18	Screw	4 Ea (4 ea)	90-Packaging 1 - Pick Kit
MS27039-1-14	Screw	4 Ea (4 ea)	90-Packaging 1 - Pick Kit
MS27039-08-24	Screw (MS27039-0824)	3 Ea (3 ea)	90-Packaging 1 - Pick Kit
MS27039-1-13	Screw	13 Ea (13 ea)	90-Packaging 1 - Pick Kit
MS27039-08-19	Screw	26 Ea (26 ea)	90-Packaging 1 - Pick Kit
MS27039-1-25	Screw	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
MS27039-1-08	Screw	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
MS27039-1-10	Screw	6 Ea (6 ea)	90-Packaging 1 - Pick Kit
AN970-3	Washer	2 Ea (2 ea)	90-Packaging 1 - Pick Kit
NAS1149F0332P	Washer	53 Ea (53 ea)	90-Packaging 1 - Pick Kit
NAS1149FN832P	Washer	18 Ea (18 ea)	90-Packaging 1 - Pick Kit
NAS1149F0432P	Washer	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
NAS620C-10L	Washer	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
601.2045	RTV (LOCTITE 598)	1 Ea (1 ea)	90-Packaging 1 - Pick Kit
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
NAS1149F0363P	Washer	16 Ea (16 ea)	90-Packaging 1 - Pick Kit
649.4817	Shim	4 pcs (4 ea)	90-Packaging 1 - Pick Kit
649.4820	Shim	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
MS27039-08-13	Screw	12 Ea (12 ea)	90-Packaging 1 - Pick Kit

F108553
 5172259
 F119850.0
 5049832
 5078506
 5108550
 5130772
 5059211
 5059207
 5066685
 5021940
 F109385
 F164318
 F109551
 F126246
 5021964
 5059859
 5021982
 5021912
 5069140
 5004457
 5070845
 5015991
 F93290
 5108977
 5168721
 5160724
 5021414
 5021413
 5021411
 5038754
 5021406
 5021416
 5017208
 5017197
 5017195
 5157102
 5179299
 5154064
 F123900-3
 F4533
 5018536
 F107100-1
 F123648.0
 5019512
 5019515
 5019634
 5019631
 5019635
 F102602
 5019633
 5019632
 5021407
 5019502
 5019495
 5019498
 5017193
 5142100
 5166686
 5019500
 5021961
 5066657
 5019642

10/3020
 11/2019

NAS1149CN832R	Washer	4 Ea (4 ea)	90-Packaging 1 - Pick Kit
MS21069-08	Anchor Nut	16 Ea (16 ea)	90-Packaging 1 - Pick Kit
MS20426AD3-4	Rivet	32 Ea (32 ea)	90-Packaging 1 - Pick Kit
649.4818	Shim	1 pcs (1 ea)	90-Packaging 1 - Pick Kit
649.4819	Shim	2 pcs (2 ea)	90-Packaging 1 - Pick Kit
NAS1330S08KB106	RIVNUT	8 Ea (8 ea)	90-Packaging 1 - Pick Kit
MS20426AD4-4	Rivet	4 Ea (4 ea)	90-Packaging 1 - Pick Kit
NAS9303B-5-03	Rivet	4 Ea (4 ea)	90-Packaging 1 - Pick Kit

5045862
 F123522-40
 M136444
 5004251
 5139076
 5024863
 5113854
 5017191

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Packaging 1 - Pick Kit	600.1012	1	21	0
	601.2045	1	21	0
	601.3493	2	14	0
	646.9910	4	29	0
	647.9014	8	42	0
	649.4811	1	14	0
	649.4812	3	6	0
	649.4813	4	22	0
	649.4814	2	8	0
	649.4815	4	11	0
	649.4816	1	29	0
	649.4817	4	10	0
	649.4818	1	9	0
	649.4819	2	12	0
	649.4820	1	7	0
	649.4901	1	1	0
	649.4902	1	3	0
	649.5010	1	9	0
	649.5011	1	9	0
	649.5012	2	6	0
	649.5013	2	9	0
	649.5110	2	12	0
	649.5111	1	4	0
	649.5112	1	3	0
	649.5113	2	6	0
	649.5210	2	11	0
	649.5211	1	3	0
	649.5212	1	12	0
	649.5213	2	3	0
	649.5214	1	14	0
	91420A230	13	91	0
	AN3C12A	8	117	0
	AN4C5A	4	55	0
	AN4C7A	2	99	0
	AN970-3	2	143	0
	CR3213-4-5	24	304	0
	CR3213-5-4	8	101	0
	MS20426AD3-4	32	2,373	0
	MS20426AD3-5	6	737	0
	MS20426AD4-4	4	1,930	0
	MS20470AD4-5	22	1,289	0
	MS20470AD5-11	2	1,060	0
	MS21042L08	9	392	0
	MS21042L3	22	1,782	0
	MS21042L4	4	1,880	0
	MS21059-3	3	256	0
	MS21069-08	16	115	0
	MS24694-C57	2	118	0
	MS24694-S62	2	68	0
	MS27039-08-13	12	402	0
	MS27039-08-19	26	446	0
	MS27039-08-24	3	62	0
	MS27039-1-08	2	467	0
	MS27039-1-10	6	341	0
	MS27039-1-12	2	136	0
	MS27039-1-13	13	393	0
	MS27039-1-14	4	95	0
	MS27039-1-18	4	1,123	0
	MS27039-1-25	2	63	0

NAS1149CN832R	4	582	0
NAS1149F0332P	53	3,177	0
NAS1149F0363P	16	395	0
NAS1149F0432P	8	1,612	0
NAS1149FN832P	18	1,476	0
NAS1330S08KB106	8	681	0
NAS1330S08KB321	8	454	0
NAS1832-3-7	8	119	0
NAS1832-4-7	2	14	0
NAS1834C3-300	2	120	0
NAS620C-10L	8	370	0
NAS9303B-5-03	4	44	0

Part Specifications

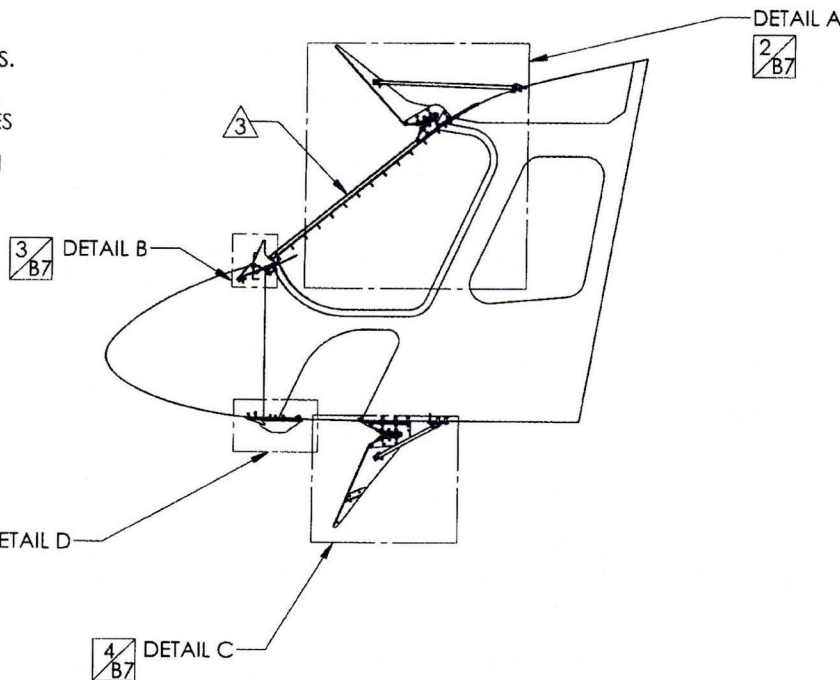
Specifications could not be found.

Plex 6/7/19 8:34 AM dart.lacelle.linda

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NOTES:

- 1 APPLY F/N 62 TO FAYING SURFACES.
- 2 AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
- 3 MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45
- 4 REQUIRED QTY
F/N 12: 1
F/N 15: 2
F/N 17: 1
INSTALL EXTRA AS NEEDED
- 5 INSTALL ONLY IF REQUIRED
- 6 TRIM AFT EDGE AS REQUIRED



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	LAST PROTOTYPE REVISION: PR2		
A	INITIAL RELEASE	01-26-12	P. BRAVO
B	INCORPORATED ECH 0344, 0348P	04-17-12	P. BRAVO
C	INCORPORATED ECH 0352	05-29-12	P. BRAVO
D	INCORPORATED ECH 03732, 0385, 0448A, 0503	07-26-14	P. BRAVO
E	INCORPORATED ECH 05731	04-04-17	P. BRAVO
F	INCORPORATED ECH 05818	08-02-17	P. BRAVO
F	INCORPORATED ECH 05836, 05873, 05940	03-08-18	P. BRAVO

6	41	601.1616	RIVET	MS20426AD3-5	
3	40	601.1900	NUTPLATE	MS21059-3	
1	39	601.3209	LOCKNUT	MS21042L4	
22	38	601.1624	LOCKNUT	MS21042L3	
9	37	601.1541	LOCKNUT	MS21042L6	
2	36	601.3008	INSERT	NAS1834C3-300	
2	35	601.3468	INSERT	NAS1832-4-7	
8	34	601.3459	INSERT	NAS1832-3-7	
	33		DELETED		
13	32	601.4061	SCREW	91420A230	DIN965
	31		DELETED		
24	30	601.1183	RIVET	CR3213-4-5	
	29		DELETED		
8	28	601.2481	CHERRY RIVET	CR3213-4-4	
	27		DELETED		
2	26	601.2669	BOLT	AN4C7A	
4	25	601.3555	BOLT	AN4C5A	
8	24	601.0788	BOLT	AN3C12A	
1	23	649.5112	WIPER DEFLECTOR		
1	22	649.5111	WIPER DEFLECTOR		
2	21	649.5110	WIPER DEFLECTOR		
8	20	647.9014	STRUT BRACKET		
4	19	646.9910	STRUT		
4	18	649.4815	SHIM		
1	17	649.4812	SHIM		
2	16	649.5213	SHIM		
2	15	649.4813	SHIM		
1	14	649.5211	SHIM		
2	13	601.3493	QUICK RELEASE PIN	BL38510SL5C4	
1	12	649.4816	DOUBLER		
2	11	649.4814	DOUBLER		
2	10	649.5210	DOUBLER		
1	9	649.5011	DEFLECTOR		
2	8	649.5013	DEFLECTOR		
2	7	649.5012	DEFLECTOR		
1	6	649.4811	CLIP		
1	5	649.5212	BRACKET		
1	4	649.5214	BRACKET		
1	3	649.5010	DEFLECTOR		
1	2	649.4902	LOWER CUTTER ASSY		
1	1	649.4901	UPPER CUTTER ASSY		
X		649.4701	A119 CABLE CUTTERS KIT		

8	80	NAS1330S08 KB321	RIVNUT	NAS1330S08KB321	
2	79	601.1953	SCREW	MS27039-1-12	
2	78	649.5113	WIPER DEFLECTOR SHIM		
4	77	601.4085	RIVET	NAS93038-5-03	
4	76	600.0846	RIVET	MS20426AD4-4	
8	75	601.4084	RIVNUT	NAS1330S08KB106	
2	74	649.4819	SHIM		
1	73	649.4818	SHIM		
32	72	601.1710	NUTPLATE RIVET	MS20426AD3-4	
16	71	601.4083	NUTPLATE	MS2106R08	
4	70	601.1869	WASHER	NAS1149CNE32R	
12	69	601.2988	SCREW	MS27039-0813	
1	68	649.4820	SHIM		
4	67	649.4817	SHIM		
16	66	601.3151	WASHER	NAS1149P0363P	
3	65	601.1887	NUT	MS21042-4	
	64		DELETED		
1	63	600.1012	SEALANT	PR-1425 CLASS B	
1	62	601.2045	RIV	LOCTITE 598	
4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
8	61	601.2381	WASHER	NAS620C-10L	
8	60	601.2638	WASHER	NAS1149P0432P	
18	59	601.2764	WASHER	NAS1149P0832P	
53	58	601.1607	WASHER	NAS1149P0332P	
2	57	601.3470	WASHER	AN970-3	
6	56	601.1365	SCREW	MS27039-1-10	
2	55	601.1421	SCREW	MS27039-1-08	
2	54	601.3289	SCREW	MS27039-1-25	
26	53	601.2765	SCREW	MS27039-0819	
13	52	601.3190	SCREW	MS27039-1-13	
3	51	601.3124	SCREW	MS27039-0824	
4	50	601.1622	SCREW	MS27039-1-14	
4	49	601.2910	SCREW	MS27039-1-18	
2	48	MS24694S62	SCREW	MS24694S62	
	47		DELETED		
2	46	601.3146	SCREW	MS24694C57	
2	45	601.1125	RIVET	MS20470AD5-11	
	44		DELETED		
	43		DELETED		
22	42	601.1119	RIVET	MS20470AD4-5	
4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
PARTS LIST					
NEXT ASSY (S)					
ORIGINAL DATE 04-17-2015					
DRAWN BY S. COCHRAN					
CHECKED P. BRAVO					
DRAWING APPROVAL					
P. BRAVO					
DATE 04-17-2015					
CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED					
DIMENSIONS ARE IN INCHES					
TOLERANCES ARE:					
2 PLACE DECIMALS ±.010					
3 PLACE DECIMALS ±.005					
ANGLES ±.2°					
SCALE NONE					
SHEET 1 OF 5					

DART AEROSPACE 3030 ENTERPRISE CT., SUITE A, VISTA, CA, 92081 (760)-724-5300

APICAL INDUSTRIES, INC. DBA DART AEROSPACE

A119 CABLE CUTTERS KIT

REV. F

649.4700